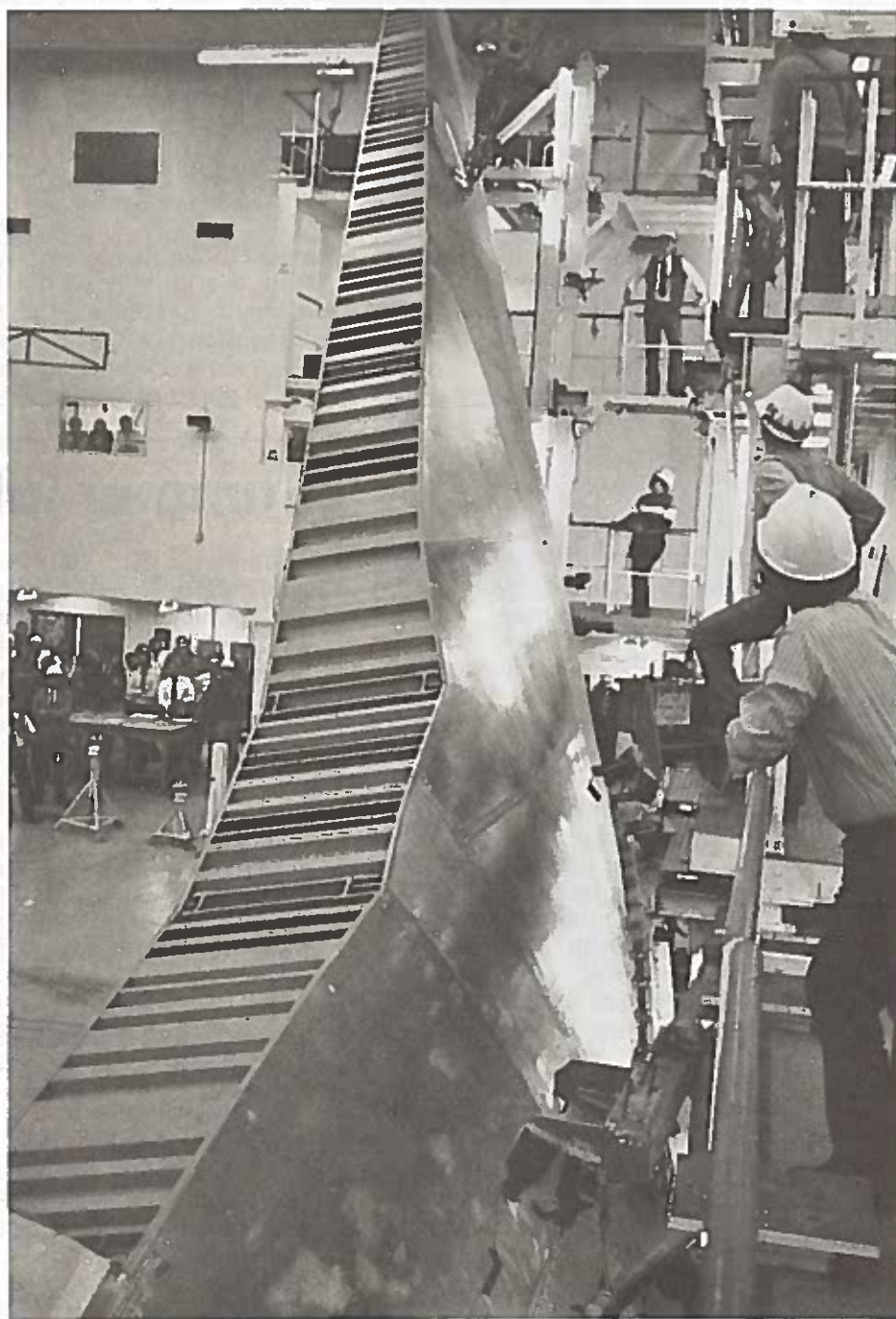


GRUMMAN plane news

Vol. 41, No. 5, March 12, 1982. Bethpage, N.Y. 11714



Easy does it. A Grumman-built shuttle wing is released from its tooling fixture in Plant 5. It is destined for Discovery, the Air Force's first space shuttle. See page 5 for more shuttle news.

April: month for annual meetings

*Shareholders meet Apr. 15
— see page*

*Investment plan set for
April 22 — see page 3*



Pl. 1 Tomcat work moving to Pl. 6

— pg. 3

WalkAmerica slated for Apr. 25

Get out your sneakers: this year's March of Dimes WalkAmerica Sunday is coming up soon. WalkAmerica is the March of Dimes' single largest fundraising event in the fight against birth defects - and once again, Grummanites are asked to show their concern for America's number one child health problem.

On Long Island, the event is scheduled for Sunday, April 25, 8:00 a.m., at Eisenhower Park in Nassau or at Hauppauge High School in Suffolk.

A special feature of the annual walk-a-thon is TeamWalk, a way for business and industry to participate. Grumman joins more than 100 Long Island firms expected to walk this year.

Every step you take in the walk-a-thon can help the March of Dimes support medical research, community services, and public health education. Each walker in the event will be trying to rack up dollars as well as miles by asking friends and relatives to pledge money for every kilometer completed.

If you think you'd like to join fellow Grummanites in a long walk for a good cause, here are some things you should know:

How long is the walk? The course is 30 kilometers (about 18½ miles).

How do I sign up? Go to any Employee Service office and fill out an application form. They'll give you an official sponsor sheet, and you can start asking your pals to sign on as financial backers.



Good skate. Bob Nystrom (R) of the New York Islanders visited Grumman last week to drum up support for WalkAmerica, the walk-a-thon for the March of Dimes. Nystrom, the campaign chairman, got (L to R) Bob LaVigne, Jim Taxter, and Plant 2 manager Sam Avati to promise they'd be out walking on April 25.

Time to sign up

The annual meeting of Grumman shareholders is scheduled for 2 p.m. on Thursday, April 15, in Plant 4. Starting March 15, Bankers Trust Company, agent of the trustees for the Grumman Employee Investment Plan, began mailing Plan members proxy statements and confidential cards for voting at the annual meeting, says Bob Bradshaw, Grumman Corporation secretary.

Employees are asked to return the completed cards by April 5 to Bankers Trust Company in the self-addressed, postage-paid envelopes that will accompany the proxy statements.

Because Grumman shares obtained through the Investment Plan are held in trust for each individual member, being a Plan member does not automatically entitle participants to attend the annual meeting, says Bradshaw. Only those persons owning shares of record - that is, shares, purchased outside the Investment Plan prior to the record date of March 2, 1982 are eligible to attend.

Grumman personnel who own company shares as of the record date (March 2, 1982) and who wish to attend the meeting should pre-register at any office of Employee Services before April 7. (Do not hand in proxy card to ESO. Mail in return envelope provided.)

Unit values released monthly

Wondering how your account in the Employee Investment Plan is changing from month to month?

As you see in the box below, the most recent unit values for the four funds are listed, as well as the previous month's values, which are in parentheses. A quick glance will tell you if your investments have gone up or down. And, by looking at your most recent quarterly statement from the Investment Plan, you can figure the current value of your account. Just multiply the unit values by the number of units you have in each fund.

Unit values for any month are usually available on the 25th of the following month. The unit values are available by dialing Ext. 4400.

For the first quarter of 1982 the company's matching rate is 75 percent; that rate will continue for the second quarter of the year.

If you have any questions about the Employee Investment Plan call Ext. 7250.

Savings Plan Unit Values as of

January 31, 1982

Equity Fund...	\$1.718 (\$1.750)
Fixed Income Fund...	\$2.478 (\$2.460)
Guaranteed Income Fund...	\$1.393 (\$1.380)
Company Stock Fund...	\$26.813 (\$27.813)

*December 31, 1981 value
in parenthesis

Tomcat team moves into new Pl. 1 offices

Grumman engineers didn't shed a tear when the company announced last year that Plant 1 was going to be renovated and a new office extension was being added to house the entire F-14 program team.

ing the renovation period.

While the interior of the plant is just about completed, the exterior modifications will be done this spring: aluminum siding, landscaping, and parking lot paving.

Chip by chip

Time has chiselled away slowly at the Grumman landmark. Plant 1 was the one and only building for the young Grumman Aircraft Engineering Corporation when it moved from Farmingdale to Bethpage on April 8, 1937.

Over the years, Plant 1 residents were known to wear "woolies" under their trousers in the winter months, and jokingly threatened to wear Bermuda shorts and Hawaiian shirts to work in the summer.

All that is changed now. The Plant 1 facelifting is more than a beauty treatment of fresh paint and new lighting fixtures. New windows have replaced the 44-year-old ones. Aluminum siding is being installed in the spring.

Along with the new 37,000 square foot modular office building, the newly renovated Plant 1 will allow all F-14 program personnel to work under the same roof.

Tomcat territory

Approximately 600 people working on the F-14 program have already moved into Plant 1. Grummanites working in the F-14 ILS department will move into the plant by the end of the month. They have been temporarily assigned to Plant 47 in Bohemia dur-

Summer jobs

Summer '82 employment application forms for daughter and sons of Grummanites are available at all Employee Services (ES) offices and in the Plant 28 Employment office.

Those seeking summer employment must be active, full-time students who will have completed at least one year of college by summer '82, are not graduating this June, and are continuing their education full time in the fall toward a bachelor's degree.

This year's program will run a minimum of eight weeks and a maximum of 10 weeks between June 1 and September 3.

Summer positions are limited. Selections are based on the years of company service of the parent, student interest, and availability of job openings.

Deadline for submitting applications is Friday, April 9.

If you have any questions or need more information about the program, call Frank Hayden, Ext. 2120, or Wally Scott, Ext. 4131.

F-14 final subassembly work moves east

Motorists on the Long Island Expressway will be seeing fewer and fewer Grumman flatbed trucks carrying huge sections of F-14 aircraft to Calverton's final assembly plant.

During the next 18 months, all F-14 final subassembly work will be transferred from Plant 1 in Bethpage to Plant 6 in Calverton.

"This major production move is already in motion," says Bill Swamback, assistant F-14 production manager. "Over the year-end holiday break, final subassembly work involving the center aft section from Stuart, Florida, and the inlets and nacelles from our subcontractor, Rohr Industries, arrived at Calverton."

Plenty to go

By the end of April, Joining II station (the F-14 forward section up to the back of the box beam) will be on the Plant 6 line. Joining of the forward and mid sections is

slated for the Calverton production line in September of this year.

Other work destined for Calverton will be transferred in 1983. The entire F-14 final subassembly production line, starting with Joining I station where the box beam is mated with the mid section (now in Plant 3), will be in place by August 1983.

Swamback sees this transfer of F-14 final subassembly work as the means to a better, smoother operation. "Having more F-14 production work under the same roof in

Plant 6 will shorten communication links," states Swamback. "When discrepancies arise at the final assembly stations, we can make the changes at the other end of the building."

On the road no more

In addition, material handling of the huge subassemblies will be lessened to smaller assemblies which can be handled easier. There will be no more 50-mile road trips out to Calverton on a flatbed truck. In

Plant 6, the structures will be moved by crane to the next work station.

Right now, several Calverton people are at Plant 1 for on-the-job training. When the next transfer of final subassembly work takes place in April, they will already have experience on five to six units in Plant 1.

By August 1983, approximately 50 F-14 production team members will be working on the F-14 final subassembly work at Calverton.

obituaries

MARGARET M. HILBERT of Financial and Reg. Reports, Pl. 30, died Feb. 24 at the age of 56. She had been with the company since 1966 and resided at 627 Everdell Ave., West Islip.

FREDERICK J. DEININGER JR. of Maint-Rearrangement, Pl. 5, died Feb. 13 at the age of 65. He had been with the company since 1965 and resided at 17 Edward Ave., Hicksville.

JERZY PISARSKI of System Design, Pl. 7, died Feb. 22 at the age of 57. He had been with the company since 1964 and resided at 147-48 28th Ave., Flushing.

DAPHNE J. KULIER of Customer Supply Reqs. Mgt., Pl. 30, died Feb. 23 at the age of 63. She had been with the company since 1966 and resided at 103 Duffy Ave., Hicksville.

JOSEPH SEILER of Sub Assembly, Pl. 1, died Feb. 11 at the age of 64. He had been with the company since 1936 and resided at 3415 Walters Ave., Wantagh.



On the move. By August 1983, all F-14 major subassembly work will be moved from Plant 1 to Plant 6 in Calverton. Work involved with the center aft section, inlets and nacelles (above) has already been transferred to Plant 6.

Investment plan meeting set for Apr. 22

Next month, members of the Grumman Employee Investment Plan (EIP) will meet with investment plan managers. All active EIP participants are invited to attend the annual meeting on Thursday, April 22, in the Plant 28A auditorium at 5 p.m.

Fiduciary Trust Company, Bankers Trust Company, and The Aetna Insurance Company will be represented at the meeting. Representatives from Fiduciary will discuss their investment philosophy and examine some of the market indicators that influence their investment decisions.

During the annual meeting, attendees may ask questions about the investment plan. In order that a maximum number of inquiries can be answered in the allotted time, the EIP office suggests that you fill out the form on this page if there are certain topics you would like

discussed. Mail your inquiry to: Employee Investment Plan, A03-28.

According to Kay Trestka, administrator for the EIP, the meeting is slated to begin at 5 p.m. so that a

majority of those wishing to attend may do so on their own time. Those who are unable to attend will be able to follow what occurs at the meeting through a summary printed in *Plane News*.

GRUMMAN plane news

Published twice a month for the employees of Grumman Aerospace Corporation, Bethpage, N.Y. 11714 as a function of the Public Affairs Department, Brian Masterson, director.

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John Vosilla ext. 5118

Editorial Assistant
Clare Byrne ext. 8999

Investment plan inquiry

I'd like to have the following topic discussed:

.....
.....
.....
.....
.....
.....



Cathi Wilson

I think it is a good idea but I don't know how they will enforce it. A young child is not really aware of what's going on in a car. An adult will see something about to happen and brace himself against injury — but a child can't do that. Even in a car going 10 miles an hour a child could be seriously injured if the driver slams on the brakes. It is a good law.



Bill Sheridan

I think it's a good idea. With the amount of traffic on the roads today a driver has enough to do just paying attention to the other cars. I think parents will feel a lot safer driving with their children sitting in a car seat.



Lance Gonzales

I think it is a good law and a good safety precaution. I have two chil-

what do you think?

Beginning April 1, children under 5 years of age must be strapped into protective car seats — or their parents may be strapped with fines. We asked Grummanites in Plant 25 how they felt about this new New York State law. What do you think?

dren and when they were young we always used car seats. We used them all the time — for long rides and even on short trips. I think this law is long overdue. A lot of people are very lax about using car seats and also about using safety belts.



Jesse Cordew

I think children should be strapped into protective car seats for their protection just in case the driver has to make a sudden stop. I have a daughter and I always used a car seat with her. I definitely think it should be a law.



Edith Sundman

I think it is one of the best laws they ever came up with. So many youngsters now will be saved from being injured. When my son was young there were no such things as car seats. That's going back 32 years. In those days to protect him I had to put my arm across the seat. I think the mothers today have it to their advantage to have their children strapped into protective car seats. They can concentrate more on their driving.



Gloria Fitzsimmons

I think it is a good law. I do have children but they are now all young adults. However, once when they

were small I had to make a sudden stop; my daughter went forward and her face hit the dashboard. She cracked her tooth. I do feel that if she had been in a car seat at the time this would not have happened.



Aldo Albertuzzi

I have two grandchildren — one is three and the other is seven years old — and I feel that this is a good law because if they're not in a car seat they can be thrown around in a sudden stop. You never know when someone will cut you off. All in all it is a good safety feature.

Forget garage sales, try Property Disposition

Before you start roaming the neighborhood from one garage sale to another looking for a used typewriter for the kids, check with Grumman.

Occasionally, Grumman's Property Disposition Department receives surplus company property which may be of use to Grummanites in their homes. These items include office furniture, electric and manual typewriters, adding machines, calculators, chairs, desks, drafting tables, office tables, cabinets, shelving, small machinery, and lighting fixtures.

These items are offered to all Grummanites on a first-requested, first-served basis. No machine tools, tooling, aircraft components, hardware or similar tools are for sale.

If you are interested in making a purchase, go to your nearest Employee Services representative and ask for an *Employee Sales Request* (form GAC 5531). Fill it out and send it to: Property Disposition, Mail Stop A04-17. This office will enter the date of receipt and assign a request number in the sequence in which the card was received.

As requested items become available, Grummanites will be informed by mail (in order of request dates), as to where and when they may inspect the items. Prices are estab-

lished by the Property Disposition Department based on market and book values and condition.

Property Disposition has also established the following rules:

- A separate card must be made for each item requested.
- No requests will be taken over the telephone.
- All purchases are at the buyer's risk. There are no returns, refunds, guarantees or warranties.
- Grumman facilities are not to be used to repair or renovate the purchased items.
- Payments must be made by check, payable to Grumman Aerospace. Cash will *not* be accepted. New York State tax will be charged.

Personals

I would like to take this opportunity to express my deep gratitude to my Grumman friends for their cards, well wishes and prayers during my illness. Frank Pennino

My family and I would like to thank all my Grumman friends and co-workers for the kindness and sympathy expressed upon the recent loss of my mother. Norm Maier

I would like to express my sincere thanks to my co-workers for their thoughtfulness and sympathy during the recent loss of my father. Andrew Heidecker

Canister wraps 'em up, keeps 'em cozy

Once it passes its final test during the upcoming third flight of the Space Shuttle *Columbia*, Grumman's thermal canister will give scientists an inexpensive way to carry out experiments in space.

"This canister was built under a \$1 million contract to the NASA Goddard Space Flight Center," according to Bob Haslett, the program manager, "and we expect that NASA will ultimately contract for about a half-dozen over the next several years." Grumman designed and built the canister in about 18 months.

The canister is a one-by-one-by-three-meter aluminum alloy box. On each of its four sides are ammonia-filled heat pipes attached to heat radiators. These heat pipes will hold the temperature inside the canister to within one degree of any preprogrammed temperature between zero and 30 degrees Centigrade. In addition, the canister can be partitioned into several compartments to allow for a number of experiments at different temperatures.

During the seven-day shuttle flight scheduled for launch March 22, heaters simulating experiments will be switched on and off inside the

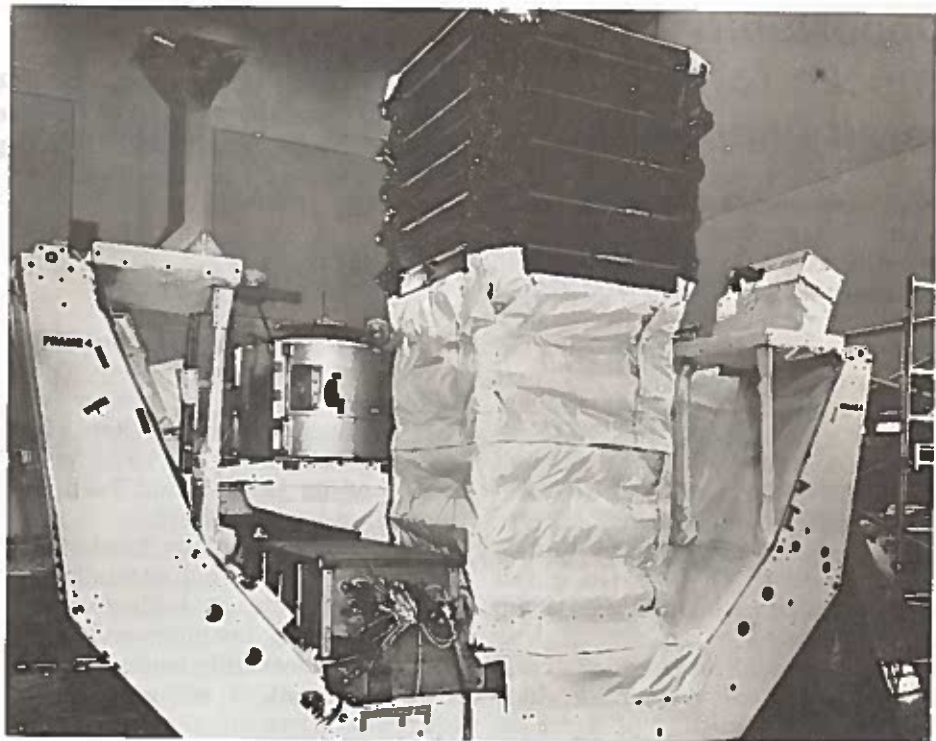
canister to test its temperature controlling ability.

The temperatures for individual experiments are monitored by sensors that feed information to a microprocessor developed by Grumman's Flight Test department at its Calverton facility. According to project engineer Bill Harwell, it is the first microprocessor certified for use in space.

A big advantage of the canister is that it uses very little of the precious electric power generated by the shuttle's fuel cells.

"The canister needs about 100 watts to control the temperature of an experiment," Harwell states. Normally, an experiment aboard the shuttle requires about 700 watts.

"The driving force behind the thermal canister is cost," says Harwell, who's been working on the project since it began in 1977. "Normally, it would cost several million dollars to establish a temperature control system for a new experiment to operate in the extreme thermal environment of space. Now, a scientist can design an experiment to operate at room temperature, for example, and just put it into the canister." One can-



It's a wrap. Scientists won't have to design special temperature controls for shuttle-borne experiments. Using Grumman's thermal canister, here on the OSS-1 pallet, they simply put the experiment inside, set the temperature and send it on its way.

ister can be used for at least 20 missions.

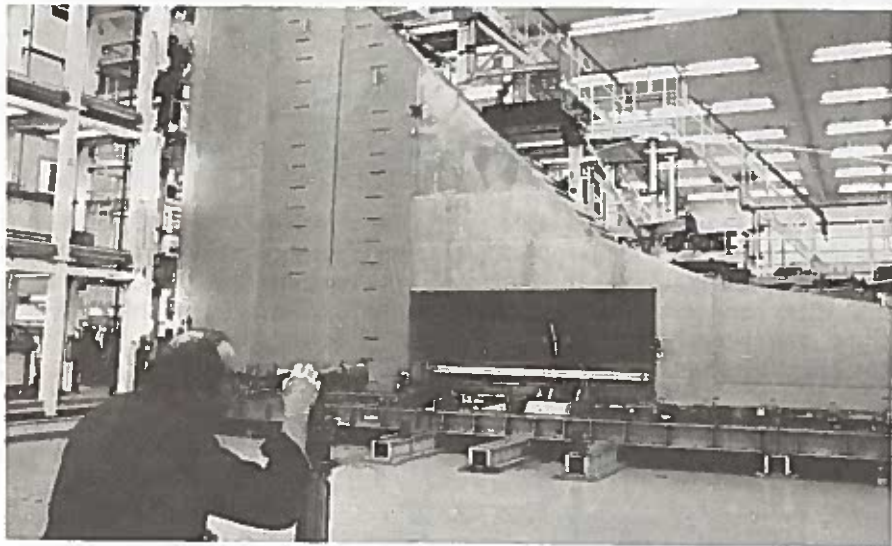
A larger canister with four times the volume will take experiments to space for the first time on shuttle flight number 24, also aboard the *Columbia*. As it did for the first canister, NASA will ask for competitive bids this spring to build the second canister.

The three experiments it will carry

are a Far Ultraviolet Telescope Spectrometer, an Ultraviolet Spectro-Polarimeter and a Broad-band X-ray Telescope.

Flight 24 is scheduled for January, 1985.

For next month's flight, the prototype thermal canister will share space on the Office of Space Science (OSS)-1 pallet with seven other experiments.



As Columbia takes off Discovery gets wings

After making absolutely sure everything was ready, Grumman engineers and technicians swung the second of the two wings for the shuttle *Discovery* into the horizontal position on January 14. Both wings will be completed and trucked to Oyster Bay harbor at the end of this month. From there they'll be barged to Staten Island and taken by ship through the Panama Canal to Rockwell's Palmdale, California, facility. *Discovery* will make its first flight in January, 1984.



Opportunity knocks for varsity hopefuls

Can you snare a sinking liner and double up a runner on second just as easily as if you were reaching for the morning mail? Do you thrive on stepping into the batter's box with your team being three runs behind when there's two out and bases loaded in the last inning?

Here's your chance to have it all, to play for one of the top softball teams on Long Island, the Grumman Varsity softball team.

Tryouts will begin next month and, according to assistant coach Joe Cavalluzzo, all the spots are up for grabs.

They'll be held on the field across from Plant 3 at 4 p.m. on each Tuesday and Thursday of April beginning April 6, and on Sunday, April 11, 18 and 25 at 10 a.m.



Take your cut. Jay Johnson was part of the team that played in the 1981 industrial nationals. You could be, too.

Personals

My family would like to express our sincere appreciation to all our friends at Grumman for their sympathy and kindness during the recent loss of our father, George Landin

My family and I wish to extend our heartfelt gratitude to Grumman and my co-workers for their expressions of sympathy during the recent loss of my brother, Minnie Kardula

I wish to express my sincere thanks to my many friends and co-workers for their thoughtfulness and best wishes during my recent convalescence. Alfred P. Korte

To all my friends in New York who have been so kind with all the "Hellos" and phone calls, I would like to thank all of them. It has meant so much and lifted my spirits greatly. Words cannot express my appreciation. Arthur H. Fichtner

My family and I would like to express our sincere thanks and deep appreciation for the kind and thoughtful expressions of sympathy during the recent loss of my daughter, Viola M. Drinkwater

people

Leadership award

On Monday, March 1, the Polytechnic Institute of New York announced the selection of Grumman Aerospace President George Skurla as the 1982 recipient of its Long Island Technology Leadership Award.

The L.I. Technology Leadership Award is presented annually by Polytechnic to an individual for "outstanding business and technical achievements leading to the advancement of technology and enhancement of the economic, cultural, and academic communities on Long Island."

Skurla was chosen in "recognition of his leadership in the management of aerospace technology, support of higher education and commitment to Long Island."

The fifth annual award will be presented to Skurla at a dinner to be held in his honor on April 30 at Colonie Hill in Hauppauge.

Big day for Texans

Christmas comes right before New Year's; Mardi Gras comes right before Ash Wednesday.

But in Houston, Go Texan Day is January 29, right before the rodeo — and Houston Grummanites celebrated the feast in style. They showed up for work dressed in cowboy hats, string ties, boots, and chaps.

Grumman jackets were awarded to those with the best western outfits. Jayne Izzo took the prize in the women's long pants division; Carolyn Busch won in the dress category.

Bob Smith, Joe Silva, and Mae Woitena took honorable mention; Sal Cangelosi and Bill Masone tied for best cowboy with a New York accent.

Ken Manas didn't quite walk away with first prize: he sort of rode off into the sunset with it. For a touch of authenticity, Ken rode his horse Kay to work that morning — a distance of over six miles, including a walk across the freeway.

Happy tune

In big ways and small, Grummanites are always ready to use their talents to help when they are needed.

Take for instance, one group of some 20 Grummanites in Milledgeville.

"We got together last year with the idea of performing a Christmas concert in the plant," says John Noack, assistant to Vice President Bill Zarkowsky and one of the original members of the Grumman Singers. "Since then, we have also performed at local nursing homes and for the March of Dimes."

On January 23, the Grumman Singers helped the March of Dimes raise \$1,000 when they sang during the "Mini-Walk" held in Milledgeville's Hatcher Square Mall.

As Noack says, the idea originally was to raise the Christmas spirit of everyone in Plant 66. Since then, though, their spirited singing has brought pleasure to people outside Grumman.

Their concert at the Chaplinwood Nursing Home was a big success. "It turned out really great," says Nancy Sammons, the group's conductor. "I was just over there and they talked about how much they enjoyed it." The home is planning to have the singers back for another concert.

The Singers are an informal group. They get together when they have a concert scheduled and practice three and four times a week.

"We have a full range of singers," Sammons points out. "We have them from Sunday gospel singers to trained singers." They blend well, she says, and it's the effect they have on their listeners that counts.

Says Sammons about the Singers' first concert, the one for their coworkers, "The people in the plant loved it."



Nice horsie. Winners of Grumman Houston's Go Texan Day competition are (L to R) Sal Cangelosi, Bill Masone, Ken Manas and Kay the Horse, Carolyn Busch, Joe Silva, and Jayne Izzo.

Double exposure

Few people know the excitement that comes from seeing their names on the covers of books.

Alex Mallow, a Flight Test Engineer in Plant 5, however, has known that excitement twice. His second book, *Hazardous Waste Materials*, was published last July by Van Nostrand Reinhold.

"It took 80 to 100 hours a week to write the book," says Mallow. What he did was break down some 150 pages of regulations issued by the Environmental Protection Agency (EPA) so that they could be understood and followed easily.

Mallow co-authored his first book with Grummanite Leon Chabot. That book, *Laser Safety Handbook*, is in its second printing.

"The first step in writing a book," Mallow says, "is really hurdling a big barrier: getting the confidence that it can be done."

"Now I'm sure there'll be more books."

Plastic award

Fighter pilots and rock stars depend in many ways on the same man: George Lubin.

Lubin, for 22 years Grumman's chief scientist, developed and introduced boron/epoxy composites in a production aircraft, the F-14, in 1969. Before that, while working for Columbia Records from 1936 to 1939, he developed the first plastic phonograph records.

These are only two of the many achievements for which Lubin will receive the 1981 International Award from the Society of Plastics Engineers in San Francisco on May 12.

Soccer team set to torpedo subs

The Grumman Varsity Soccer team, champions last year of the Long Island Industrial Indoor Soccer League and currently in first in the league's East division, is taking on the U.S. Navy.

The team representing the submarine school in Groton, Connecticut, will play the Grummanites before the start of the New York Arrows game on April 10. They'll be playing at Nassau Coliseum and the Grumman/Navy game will begin at 1 p.m.

The Navy team will be a tough opponent for the Long Island champs. Over the last three years they have compiled a 40-7-1 record and have won the Navy championships in 1979 and '80. They were eliminated in the semi-finals of last

year's championships. The Grummanites are not going to be easily torpedoed, however.

In the last two Long Island Industrial league games they've scored 32 goals while their opponents scored only one.

"Our guys work together as a team," says coach Leon Akl, pointing out that other teams in the league even have former professional players.

Grumman, with a 10 and 2 record, holds a one game lead over second place Chemapec.

Anyone wishing to watch the Grumman team play Navy can get discount tickets, which includes admission to the Arrows/Blast game that follows at 3 p.m., from Grumman Recreation, Plant 28A. Tickets are \$4.50 each.



The Coliseum calls. On April 10, the Grumman soccer team takes on the Navy's submarine school team at the Nassau Coliseum. Tickets for this game and the Arrows game which follows are on sale in Plant 28A.

Tennis varsity tryouts

Right side Ext M/s
(name)

Left side Ext M/s
(name)

Mail to: Recreation, A01-28A, no later than March 26.

Tennis trials begin in April

Each year, Grumman fields two varsity tennis teams. Tryouts for the 1982 varsity are slated to take place the first week in April, including weekends.

All varsity tennis competition involves doubles teams. You must sign up as a doubles team for the

tryouts. If this is a problem, call Bill Wenzel, Ext. 2682, and he will try to find a partner for you.

Wenzel asks all varsity hopefuls to fill out the accompanying form on this page and mail it to: Recreation, A01-28A. Deadline is Friday, March 26.

New co-ed softball league needs players

Across the nation, co-ed softball leagues are thriving. Grumman Recreation is in the process of establishing such a league on Long Island.

Grumman league action will take place on Saturdays at the South Oyster Bay Rd. fields. Games begin at 1 and 3:30 p.m. Teams -- and individual players -- are asked to fill out the form on this page and mail it to Recreation, A01-28A.

Co-ed slo-pitch softball games involve teams of five men and five women. Men and women alternate at bat. Three men and three women must play in the infield; the same 50-50 player split must be in the outfield.

This new league will be sanctioned by the American Softball Association (ASA). Grumman hopes to field its league championship team

in the ASA co-ed tourney on Long Island this season.

If you'd like to play or have a team already lined up, don't hesitate to send in your application form to Recreation.

Co-ed softball

- ☐ I have a team interested in the co-ed league.
- ☐ I'm interested in joining a co-ed team.

Name _____

Ext _____

Mail stop _____

scorecard

Racquetball switch

Reset your alarm clock if you plan on playing in this year's racquetball tournament. There's been a time change. The tournament will now run from 8 a.m. until 7 p.m. on both March 27 and 28. Forget the previous 3 to 11 p.m. schedule, but don't forget that the tournament will still be held at Royal Racquetball in Coram.

If you are playing in this weekend tourney and have any ques-

tions, call Recreation, Ext. 2133/2269.

Seagle soars

In case you need a little push to go get those golf clubs out of the closet and ready for the game, here's a bit of inspiration from Georgia.

Milledgeville's Earl Seagle won the William M. Zarkowsky Golf Classic for the second consecutive year. He's the only person to have his name engraved on the

trophy twice.

The trophy rotates among the tournament's winners. The two-day tournament, named for Bill Zarkowsky, Grumman Aerospace vice president and general manager of Milledgeville operations, was held at Little Ocmulgee State Park in McRae, Georgia.

Faye Little, almost a newcomer to the game, won the women's trophy this year. "I took up golf when I started working here in '75," she says. Faye now plays to a 29 handicap.

Earl didn't pick up the sticks until about three years ago -- but he's knocked 16 strokes off his handicap in the past year. He's now down to a 20. Earl was a professional baseball player and New York State Golden Gloves champ before joining Grumman 31 years ago.

Starting this year, it will be even easier for Milledgeville Grummanites to practice their game: a new golf course just opened, right across the street from Plant 66.

Paddle power

The Grumman Table Tennis Club is thriving, but it always is looking for more members.

The club meets every Thursday evening at 5 p.m. in Plant 24 and on Fridays at 5 p.m. in the Recreation building, Plant 28A.

For more information, contact B. Fabricant, Ext. 9307.



calendar

Alcoholics Anonymous: every Mon., 4:30 p.m., Pl. 15, conference room C, closed meetings; Personnel Relations, Ext. 3521; Calverton: Chemical Dependency Discussion Group, every Mon., 4-5 p.m., Hdq. Bldg.; open meeting. Personnel Relations, 369-6759, C. Robb, Ext. 117-7038

American Production & Inventory Control Society: Tues., March 23, Muscaro's, Melville, 6:30 p.m. dinner, 8:00 p.m. presentation. Guests welcome. Presentation will be "Problem solving thru teamwork equals increased productivity." N. Heilweil, Ext. 2250

C.B.I. Vets Association: Tues., March 30, Recreation bldg., 5 p.m. Guests welcome. W. Pytlowany, Ext. 8616/R. Fong, Ext. 2484

Coin Club: (Bethpage) Wed., March 24, Pl. 25, vendor conference rooms, 12:05 p.m. Informal lunchtime meeting. K. Hale, Ext. 1825

Computer Club: Mon., March 15, Recreation bldg., 5 p.m., discussion group-beginner to advanced programming. Guests welcome. J. Hayne, Ext. 0497/P. Frumkin, Ext. 2797

Fencing Club: every Wed., Recreation bldg., 4:30 to 6 p.m. Free instruction and fencing practice. Guests welcome. J. Hayne, Ext. 0497/P. Chaldaris, Ext. 3486

GACE Flying Club: Mon., March 15, Recreation bldg., 5 p.m. Regular monthly membership meeting. Guests welcome. R. Reisch, Ext. 5967

Grumman Disabled American Vets Club: Wed., March 17, Pl. 3 cafeteria, 4 p.m. Business meeting. T. Melia, Ext. 4750

Grumman Family Campers: First camp-out, April 16, 17, 18, Southaven Park. Guests welcome. B. Ingersoll, 364-3884 Ext. 223/B. Perrotta, Ext. 5851

Grumman Ski Club: Wed., March 17 and Wed., March 31, Tiki Lounge, North Babylon, 8:30 p.m. Guest welcome. A. Garmendia, Ext. 7819/8910

Institute of Environmental Sciences: Fri., March 19, Antun's, Hicksville, 9 a.m. - 5 p.m. Seminar: Advances in the application of real time analyzers. Guests welcome. R. Goss, Ext. 6705

Klown Klub: Tues., April 13, Recreation bldg., 4:15 p.m. New members welcomed. M. Deysn, Ext. 4564

Motorcycle Club: Wed., March 17, Recreation bldg., 5 p.m. General meeting and touring calendar. Guests welcome. Steve, Ext. 2615

Professional Secretaries International: Thurs., March 18, Polish Hall, Riverhead,

6:30 p.m., cocktails, 7 p.m., dinner followed by program and meeting. Guest speaker will be Police Officer Enrico Annichiarico, office of Community Relations, Suffolk County. Guests welcome. Dinner including tax and gratuities is \$7.50. Also, Sat., March 27, Polish Hall, Riverhead, noon, PSI Fashion Show and luncheon to benefit PSI's scholarship fund. Luncheon is \$9.50. E.M. Gaia, Ext. 117-7397/C. Evans, Ext. 117-7167

Society of Manufacturing Engineers: Fri., March 19, Woodbury Country Club, Woodbury, 8 p.m. Long Island Chapter 88. Annual Installation Dinner Dance. Guests welcome. P. Bernardox, Ext. 6395/V. Pavlik, Ext. 8737

Tennis Club: Wed., March 17, Recreation bldg., 5 p.m. Beginner to advanced players welcome. Guest speaker and refreshments. Topic: "Conditioning and Strategy for upcoming GAA Tournament." R. Benoit, Ext. 4212/M. Soley, Ext. 7175

Photography Club: Mon., March 22, Recreation bldg., 5 p.m. How Prize Winning Photos are Made. Guests welcome. D. Burdick, Ext. 9582

Equestrian Club: Fri., March 12, Recreation bldg., Room B, 5 p.m. Guests welcome. J. Eisenhower, Ext. 115-6003

French Club: Tues., March 23, Recreation bldg., 5:30 p.m. Guests welcome. Film presentation to attract new members. M. Mirpuri, Ext. 3635

Grumman Recreation calls it the Polkarama Revue weekend and you'll call it a great value.

It's a fantastic package, including two nights accommodations at the Downingtown Inn in Pennsylvania with four, full-course meals, all entertainment, cocktail party, golf, tennis, use of the health clubs and more.

There is also an optional dinner-theater featuring "The King and I."

The price is \$169.00 per person, double occupancy and full payment is required to confirm your reservation, so plan now for this April 23-25 weekend.

To make reservations, or for more information, call Recreation, Ext. 2133.

Softball teams must attend spring meetings

All Grumman teams who plan to play in a Recreation-sanctioned softball league should have a team representative attend one of these pre-season meetings:

Plants 1 and 4 lunchtime league: Monday, April 5, 12:15 p.m., Plant 2 receiving area, league commissioner - Roe Strazzeri, Ext. 2394.

Plants 2 and 5 lunchtime league: Tuesday, April 6, 12:15 p.m., Plant 2 conference room, league commissioner - Joe Frisenda, Ext. 3373.

Plants 6 and 7 lunchtime league:

Wednesday, April 7, 12 noon, Plant 6 conference room, league commissioner - Ernie Maggi, Ext. 6772.

Plant 3 lunchtime league: Thursday, April 8, 12 noon, Plant 3 conference room, league commissioner - Bill Arnold, Ext. 3815.

Plants 43 and 44 league: Friday, April 9, 11:30 a.m., Plant 43 conference room, league commissioners - Charlie Greco, Ext. 7757, and Robert Albert, Ext. 7873.

Bethpage Nite Owl league: Thursday, April 15, 9 p.m., Plant 2 conference room, league commissioners - Charles Hess, Ext. 2628, and Bill Wallace, Ext. 2842.

All after-hours leagues: Tuesday, March 30, 4:30 p.m., Recreation Office in Plant 28A. All team managers must complete the form on this page and mail it to Herb Mahoney, A01-28A, no later than March 26. Due to the limited amount of playing fields, managers must indicate which night they wish to play - Monday, Tuesday, or Wednesday.

All team managers should submit a temporary team roster at the pre-season meetings.

Field choice

Manager's name.....

Ext

Mail station

Preference:

first choice

second choice

GRUMMAN plane news